IRZHANSKAYA, K.N.; FEL/BERBAUM, R.A.

Some data on conditioned reflex function in premature infants. Fixiol. shur. 40 no.6:668-672 H-D 154. (MIRA 8:2)

1. Mauchno-issledovatel'skiy institut okhrany materinstva i mladenchestva im. W.K.Krupskoy, Khar'kov. (REFLEX, COMDITIONED, in premature inf.) (IMPART, PREMATURE, conditioned reflex in)

IEZHANSKAYA, K.N. [Irzhans'ka, K.N.]; OLHYNIKOVA, Ye.A. [Oleinykova, IE.A.]

Results of aconference on the all-Republic problem "Physiological characteristics of children as the basis for effective training and the prevention of disease." Ped., akush. i giu. 20 no.2:61-63 '58.

(CHILDRES)

(CHILDRES)

GIL', S.A.; VASHCHIIKO, V.Ya.; YUMASHEVA, R.P.; IRZHANSKAYA, K.N.; GOFMAN, R.N.; YAKOVLEVA, A.N.

Clinical and physiological basis of diets of young children (with a single daytime sleep period). Vop.pit. 19 no.4:19-23 Jl-Ag '60. (MIRA 13:11)

l. Is otdela fiziologii i vospitaniya rebenka (sav. - doktor med. nauk S.A. Gil!) i fiziologicheskoy laboratorii (sav. kand.med.nauk R.M. Gofman) Kharikovskogo instituta okhrany materintstva i detstva imeni N.K. Krupskoy.

(INFANTS—NUTRITION)

IRZHAVSKIY, A.

USSR/Radio - Radio Received Radio, Reception

Dec. 49

"The Salyut Receiver," Ye. Levitin, A. Irzhavskiy, 47 pp

"Radio" No 12

Describes receiver in detail. Will receive local and neighborhood stations, and employs two tubes in tuned RF reflex circuit operating on AC through selenium rectifier. Receives long and medium waves with output of 0.5 watt. Uses dynamic type loudspeaker with permanent magnet. Includes six sketches.

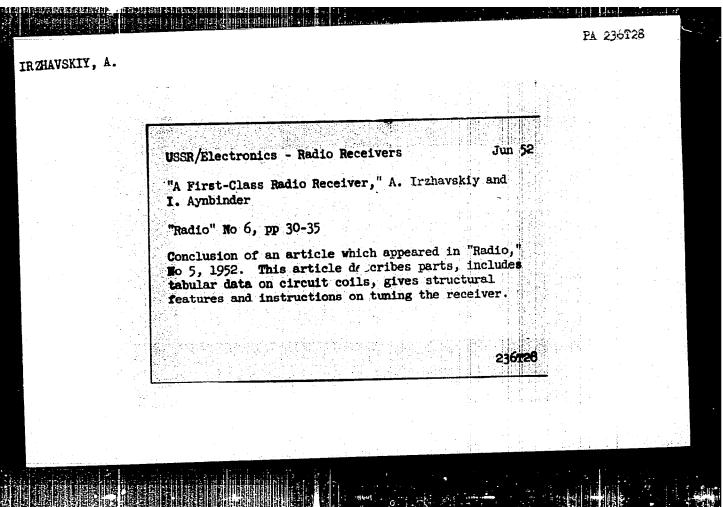
PA 157T91

USSR/Electronics - Radio Receivers May 52

"A First-Class Radio Receiver," A. Irzhavskiy and
I. Aynbinder

"Radio" No 5, pp 28-32

Description of a receiver with long, medium, and
four SW bands (one general and three with bandspread). Output power, 4 va; sensitivity, 75 MV
on long-wave and 50 My on remaining bands; power
drain, 150 w; 15 tubes. Special features: input
circuit on long-wave band; band switch design;
noiseless tuning system.



IRZHAVSKIY, A. Ratio Detec

"The Ratio Detector," A. Irzhavskiy

Radio, No 8, pp 42-46

Discusses in detail the operation of the ratio detector, which is stated to be one of the best frequency detectors for Hi receivers because it completely suppresses amplitude modulation of the signal. This eliminates the need for a limiter stage.

261-777

**APPROVED FOR RELEASE: 04/03/2001** 

117 CHANOI	
USSR/Elect	ronics - Detectors
Card 1/1	• Pub. 89 - 23/26
Authors	¹ Irzhavakiy, A.
Title	• Synchronous phase-detector
Pariodical	Radio 12, 51-53, Dec 1954
Abstract	employed with a heterodyne receiver are set forth and the practical operation of such a detector is discussed. A circuit diagram of the heterodyne tubes used, the layout of resistances, capacitances and the various componing the detector, by means of tuning the anode and heterodyne selecting the suitable couplings between these circuits. Circuit diagram;
Institution	••••••••••••••••••••••••••••••••••••••
Submitted :	Trimelation N-319 26 Mpro

IRZHAVSKIY, A. and FUNSHTEYN, L.

"Induction Coils With Carbonyl Iron Cores," by A. Irzhavskiy and L. Funshteyn, Radio, No 11, Nov 56, pp 54-59

This article gives an extensive list of nomenclature and characteric tics of carbonyl iron induction coils of Soviet manufacture. The carbonyl cores are divided into radio-frequency grade and the "reduced" grade, the latter possessing a much higher permeability. Bakelite resident polystyrene are used as the dielectric and binding medium for these carbonyl-iron cores.

The cores are designed for use in the frequency ranges of 110 kc, 460 kc, and one Mc.

Sum 1219

DEMIDAS, V.V.; IRZHEVSKAYA, G.I.; LEL'CHITSKIY, V.N., kend.med.nauk

Spontaneous pneumothorax in infents during the first months of life. Feddarriia 38 no.11:70-73 N '60. (MIRA 14:2)

1. Iz kefedry rentgenologii (radiogii (rav. - prof.Ye.D. Dubovyy) kliniki detskikh bolesney lechebnogo fekul'teta (sav. - dotsent V.F.Chrenyuk) Odesskogo meditsinskogo instituta (direktor prof.I.Ia.Deyneka).

(PMEUMOTHORAX in inf. & child)

(INFART MENSORE diseases)

IRZHEVSKIY, V.; ZIL'EERREMO, Ya.; KOMEYKO, A.

Preparation of direct ammonia cooling systems for an over-all automation.

Mas.ind. SSSR 34 no.1:35-39 '63.

1. Odesskiy proyektno-konstruktorskiy institut avtomatizatsii pishchevoy

(Refrigeration and refrigerating machinery) (Automation)

IRZHEUSK

14(1) .

AUTHOR:

None Given

TITLE:

All-Union Scientific Technical Convention on Refrigeration Engineering Kholodil naya tekhnika, 1959, Nr 4, pp 61-65 (USSR)

PERIODICAL:

ABSTRACT:

Under the auspices of the Leningradskiy tekhnologicheskiy institut kholodil noy promyshlennosti (Leningrad Technological Institute of Refrigeration Industry), of the Vsesoyuznyy nauchno-issledovatel skiy institut kholodil noy promyshlennosti im. Mikoyana (All-Union Scientific Research Institute of Refrigeration Industry im. Mikoyan) and of the Vsesoyuznaya sektsiya kholodil shchikov (All-Union Section of Refrigeration Workers), a convention was held in Leningrad from the 6 through 9 August, 1959, which was attended by 534 people. Below are given the names of the principal lecturers, the names of the institutions they represent and the titles of their lectures: V.Ya. Kokorev (Ministry of Trade of the RSFSR) "Tasks of Development and of Application of Refrigeration in the National Economy of the USSRW; T.V. Gogolina, Engineer (Central Designing Bureau of Refrigeration Machine Building) "Fields of Application of Refrigeration Equipment in Industry"; V.P. Irzhevskiy. Engineer (Odessa Designing Institute of Complex Automation Production

Card 1/4

APPROVED FOR RELEASE: 04/03/2001

30V/66-59-4-19/28

All-Union Scientific Technical Convention on Refrigeration Engineering

Processes in the Food Industry) "Orientation and Designing of Automatic Systems in Refrigeration Installations"; B.L. Tsyrlin, Engineer (VNIKhI) "Investigation of the Work of Compressors of the Piston Block-Crankcase Type"; V.B. Yakobson, Candidate of Technical Sciences (VNIKhI) "Investigation of Small Freon Compressors With Built-in Electric Motors"; D.M. Ioffe, Candidate of Technical Sciences (VNIKhI) "Analysis and Investigation of Heat-Exchanging Machinery with a Ribbed Heat Transmitting Surface"; LaMan Rozenfel'd, Professor and Doctor of Technical Sciences (Leningrad Technological Institute of Refrigeration Industry) "The Problem of Complete Utilization of Refrigeration Machines"; V.S. Martynovskiy, Professor and Doctor of Technical Sciences and B.B. Paruleykar, Professor (Odessa Technological Institute of Food and Refrigeration Industries) "Thermal Air Separation at the Cold End of the Vortex Tube"; I.P. Usyukin, Professor and Doctor of Technical Sciences (Moscow Institute of Chemical Machine Building) "Results of the Two Years Working Period of the Installation ER-1 and the Prospects of Producing Technological Oxygen"; A.I. Moroz, Candidate of Technical Sciences and B.V. Denishchuk, Engineer (VNII of Oxygen Machine Building); K.I. Strakhovich, Professor and G.E. Ozhigov, Candidate of Technical Sciences (Leningrad Technological Institute of Re-

Card 2/4

sov/66-59-4-19/28

All-Union Scientific Technical Convention on Refrigeration Engineering

frigeration Industry) "Theoretical Investigation of Expansion of Moist Vapor of the Air Turbo-Pressure-Reducer"; A.A. Gogolin, Candidate of Technical Sciences (VNIKhI) "Ways of Developing Air Conditioning Engineering in the USSR"; A.L. Satanovskiy, Engineer (Institute of Thermal Power Engineering of the AS USSR) "Air-Water-Evaporation Cooling and Air Conditioning on the Cranes in Hot Workshops"; L.K. Lozina-Lozinskiy, Conditioning on the Cranes in Hot Workshops"; L.K. Lozina-Lozinskiy, Professor and Doctor of Biological Sciences (Institute of Cytology of the AS USSR) "The Latest in the Doctrine Pertaining to the Influence of Low Temperatures on Organisms"; N.A. Golovkin, Professor and Doctor of Technical Sciences (Leningrad Technological Institute of Refrigeration Industry) "Mechano-Chemistry of the Muscular Tissue Under Refrigeration Processes of Food Products of Animal Origin"; D.G. Ryutov, Candidate of Technical Sciences (VNIKhI) "Conditions of Storage and Weight Losses of Frozen Meat in a Cold Room with Jacket Heat Protection"; A.P. Sheffer, Candidate of

Card 3/4

APPROVED FOR RELEASE: 04/03/2001

SOV/66-59-4-19/28

All-Union Scientific Technical Convention on Refrigeration Engineering

Technical Sciences and A.G.Saatchan (All-Union Scientific Research Institute of Meat Industry) "Single-Stage Freezing of Meat"; A.P. Chernogortsev (Astrakhan' Technical Institute of Fish Industry) "Proteolysis of Sprats and the Influence of Temperature on the Terms of Ripening and Storage of Sprat Preserves".

Card 4/4

IRZHEVSKIY, V.P., inzh.; KOMEYKO, A.I.; IOANNO, M.G.

Control panels of automatic refrigerating units. Khol. tekh. 38
no. 1:15-17 Ja-F '61. (MIRA 14:4)

1. Proyektno-konstruktofskiy institut Pishcheprom.

(Refrigeration and refrigerating machinery)

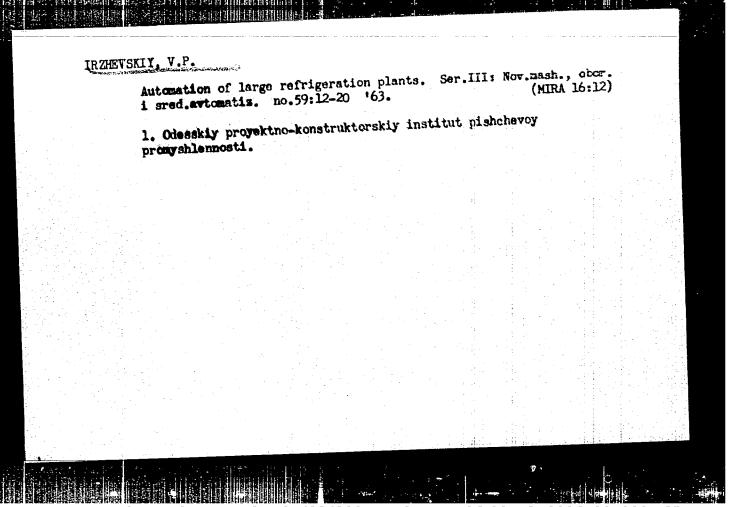
IRZHEVSKIY, V.P. [Irzhevs'kyi, V.P.]; KOMEYKO, A.I.; GELLER, S.L. [Heller, S.L.]; ZIL'BERBERG, Ya.M.

Protection of ammonia compressors against water hammer. Kharch.prom. no.4:59-63 0-D 63. (MIRA 17:1)

L 33102-66	SOURCE CODE: UR/C	066/66/000/001/0009/001	2
AUTHOR: Irzhevskiv, V. P.; Mats ORG: [Geller] "Pishchepromavtom FITLE: News in the planning of	skin, V. S.; Geller, S. L.; (natika" Institute (Institut automated refrigeration uni	Ogurtsov, V. I. Pishchepromavtomatika" is for distributing and	
production refrigerators SOURCE: Kholodil'naya tekhnika TOPIC TAGS: refrigeration engi	neering, refrigeration equip	ment, cryogenic fluid	
compressor, industrial management ABSTRACT: On the basis of recent	nt experience in the install	ation and operation	
decisions have been made. Thes status-determining pulse is sup	plied to the temperature rel	ay system each	
thirty minutes, the position of compressor is started, one or m	ore compressors are stopped,	or the system is ammonia supply.	
ball-bearing protection and com of compressor units; new centra	lized compressor control par	nels, located near indicate the reasons	
for automatic stoppages or equi	Chuatro's Lemone contractor	- installations:	
standards for reduction of the as experience in operating inst	number of service personnel tallations is gained. Orig.	art. has: 2 figures.	
[JPRS] SUB CODE: 13, 11 / SUBM DATE	E: none / ORIG REF: 005	: 621.56.001.12	
Card 1/1 (C)	0945	621.0.00112	41

APPROVED FOR RELEASE: 04/03/2001

इंद्रा भएडक्या हो भिन्ना हुन इस्ता । स्थान्य यात्रा भागाव्य आवासामा । गा व



IRZHEVSKIY, V.P., inzh.; KOMEYKO, A.I., inzh.; BATOVA, A.G., inzh.; ZAVZLIGH, G.Ye., inzh.; GELLER, S.L., inzh.

Automatic control of the operation of vessels in a dry ice plant.

Khel.tekh. AO no.3:47-48 Ny-Je '63. (MIRA 16:9)

(Ice industry) (Automatic control)

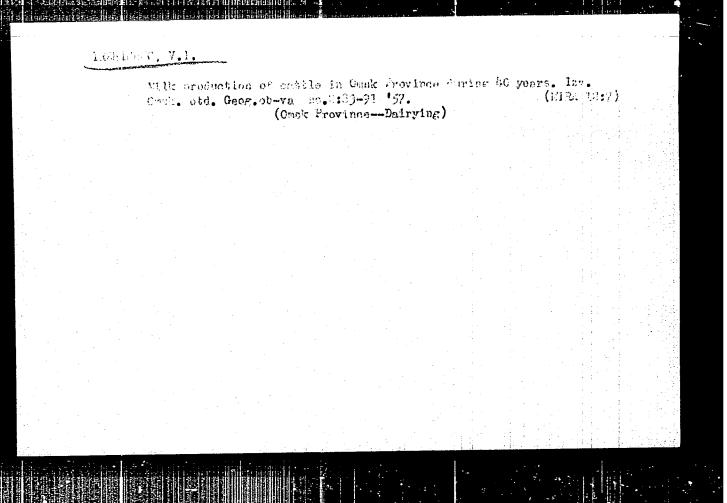
APPROVED FOR RELEASE: 04/03/2001

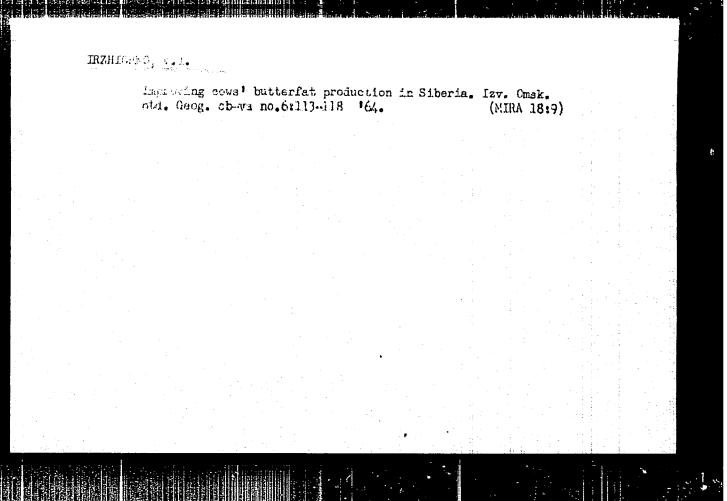
VAYNEERG, Arkadiy Yakovlevich, kand. tekhn. nauk; ERUSILOVSKIY, Leonid Petrovich; TEPMAN, L.M., retsenzent; IRZHEVSKIY, V.P., retsenzent; SHUVALOV, V.N., retsenzent; SHABSHAYEVICH, M.L., spets. red.; KORBUT, L.V., red.

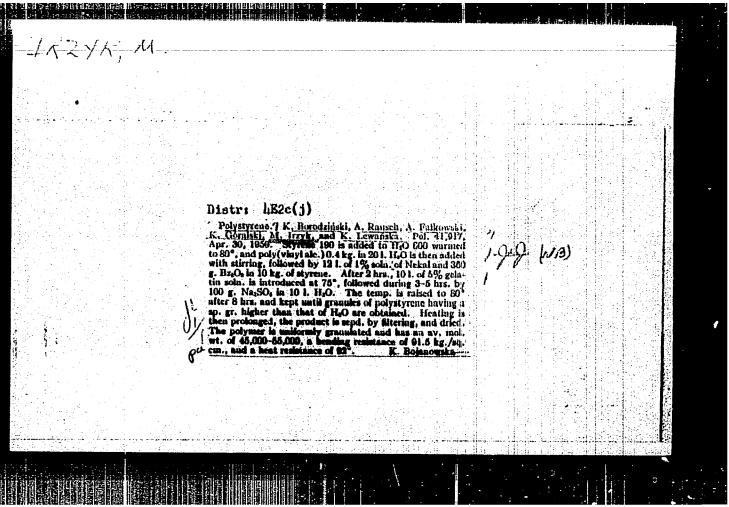
[Automation of technological processes in the dairy industry] Avtomatizatsiia tekhnologicheskikh protsessov v molochnoi promyshlennosti. Moskva, Pishchevaia promyshlennosti, 1964. 246 p. (MIRA 18:3)

1. Leningradskiy tekhnologicheskiy institut kholodil'noy promyshlennosti (for Shuvalov). 2. Vsesoyuznyy nauchno-issledovatel'skiy i eksperimental'nyy institut prodovol'-stvennogo mashinostroyeniya (for Shabshayevich).

3. Institut Pishchepromavtomatika (for Irzhevskiy).

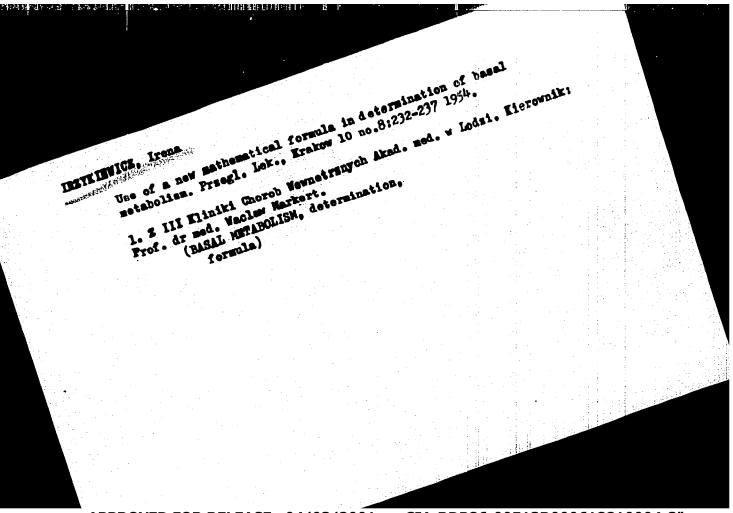






IRZYK, Michal, mgr inz.

Machinery and equipment at the 4th International Floatics Fair
"K 63" in Disseldorf. Chemik 17 no.3: Supplements no.2 to no.3
of chemic:1-10" \*64



POLAND / Human and Animal Physiology. Metabolism.

 $\mathbf{T}$ 

Abs Jour: Ref Zhur-Biol., No 9, 1958, 40934.

Author : Irzykiewies-Prosnak, I.

Inst : Not Given.

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Title : The Value of Mathematical Formulae in the Determin-

ation of the Specific Dynamic Action of the Protein

Ration.

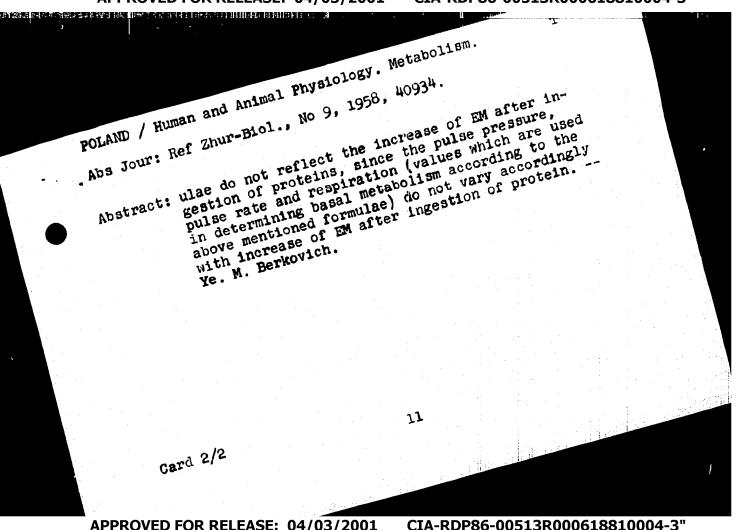
Orig Pub: Polski tygod. Lekar., 1956, 11, No 22, 969-791.

Abstract: On the basis of 238 comparative determinations of

energy metabolism (EM) by investigation of gas exchanges and calculation of basal metabolism according to the formulae of Markiewicz, Bena and Reed, it was established that the above mentioned form-

Card 1/2

**APPROVED FOR RELEASE: 04/03/2001** 



IRZYKOWSKA, T.: KOWALGEYK, H.

PARAES. J.: IRETKOWSKA, T.: KOWALGEYK, H.

Studies on Q fever in Poland. Ned. dosw. mikrob. 5 no.3:215-316 1953.

(GML 25:5)

1. Imblim.

IRZYKOWSKI, J.

IRZYKOWSKI, J. Some economic problems of the organization of the ship repairing industry. p. 325. Vol. 6, no. 12, Dec. 1956. TECHNIKA I GOSFODARKA. Gdansk Poland.

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

IRZYKOWSKI, J.

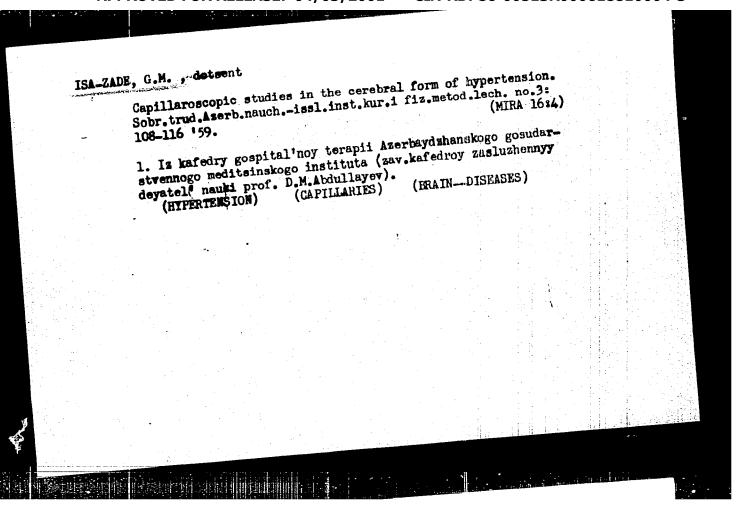
TECHNOLOGY

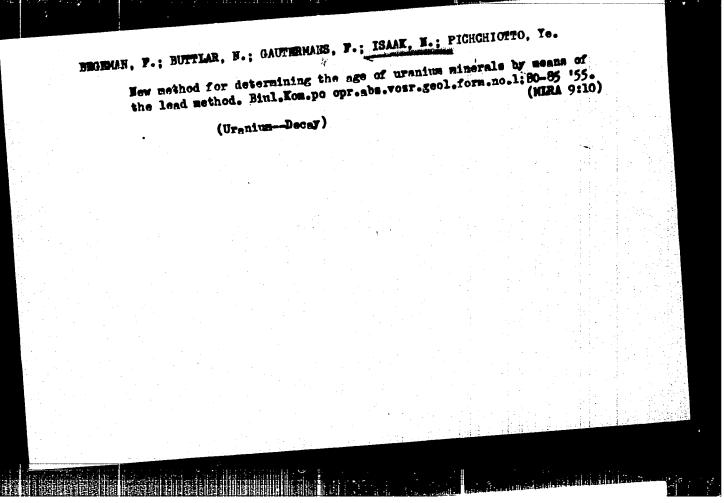
Periodicals: PRZEGIAD TECHNICZNY. Vol. 79, no. 19m Oct. 1958

IRZKKOWSKI, J. Technical progress in the repair dockyards. p. 896.

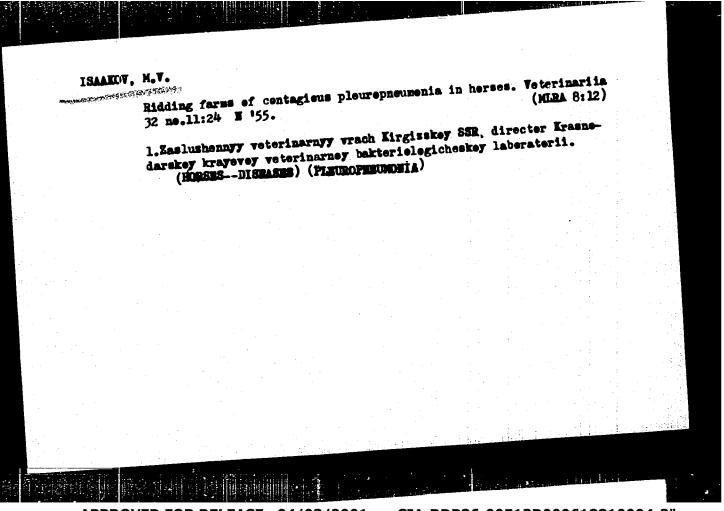
Monthly List of East European Accessions (EEAI) IC, Vol. 8, No. 2, February 1959, Unclass.

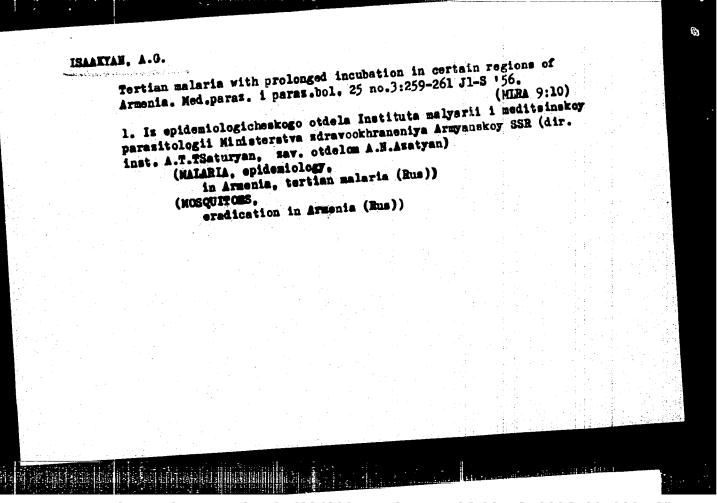
**APPROVED FOR RELEASE: 04/03/2001** 

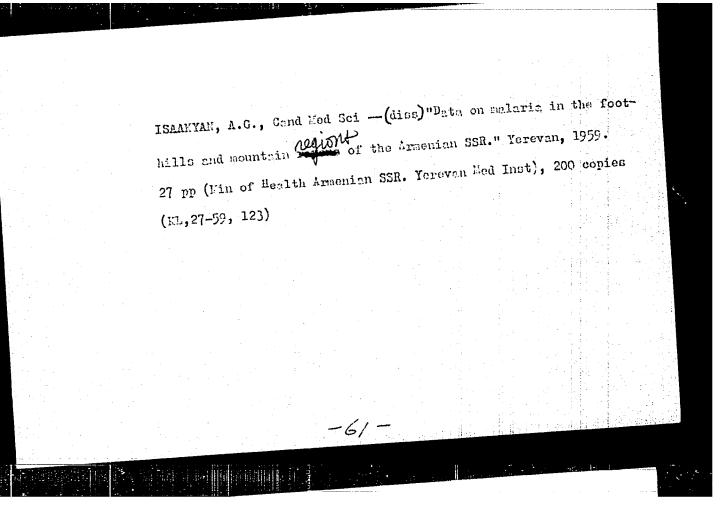




APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810004-3"







VASHKOV, V.I.; SHNAYDER, Ye.V.; BRIKMAN, L.I.; ZAKOLODKINA, V.I.; CHUEKOVA,
A.I.; ALIMBARASHVILI, TS.N.; BABAYANTS, G.A.; BERIANIDZE, I.Sh.;
ZAKHAROV, P.V.; ISAAKYAN, A.G.; LEVIYEV, P.Ya.; MARTINSON, M.E.;
MRACHKOVSKIY, S.K.; NAYDICH, N.L.; NESTERVODSKAYA, Ye.M.; RAZMANOVA,
Ye.M.; SAVINA, K.V.; SERGEYEVA, A.Ye.; SOKOLOVA, M.Ye.; FOMICHEVA,
V.S.; CHERNTSHOVA, V.A.; SHUMILOVA, T.V.

Sensitivity to DDT of houseflies in various climatic zones of the
USSR. Zhur.mikrobiol., epid.i immun. 33 no.8:20-24 Ag '62.

(MIRA 15:10).

1. Iz TSentral'nogo nauchno-issledovatel'skogo dezinfektsionnogo
instituta.

(FLIES--EXTERMINATION) (DDT)

VASHKOV, V.I.; SHNAYDER, Ye.V.; ZAKOLODKINA, V.I.; HRIKMAN, L.I.; CHUHKOVA, A.I.

ALIMBARASHVILI, TS.N.; BABAYANTS, G.A.; HERIANIDZE, I. Sh.;

ZAKHAROV, P.V.; ISAAKYAN, A.G.; LEVIYEV, P. Ya.; MARTINSON, M.E.;

MRACHKOVSKIT, S.K.; NAYDICH, N.L.; NESTERVODSKAYA, Ye.M.;

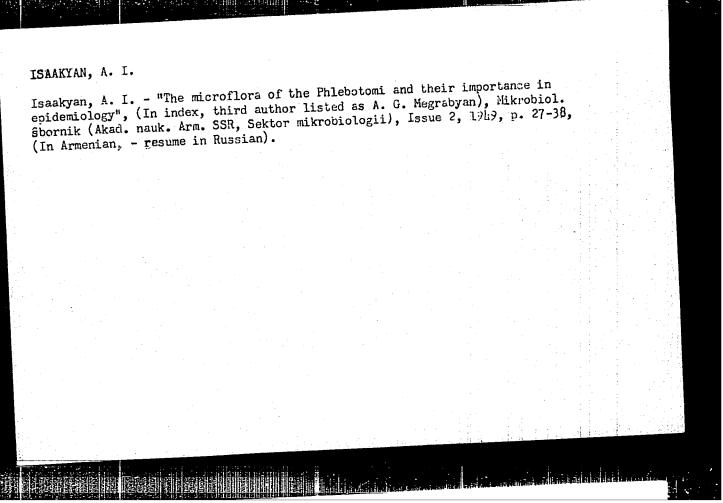
RAZMANOVA, Ye.M.; SAVINA, K.V.; SERGEYEVA, A.V.; SOKOLOVA, M.Ye.;

FOMICHEVA, V.S.; CHERNYSHEVA, V.A.; SHUMILOVA, T.V.

Sensitivity of houseflies to chlorophos prior to its use.

Zh. mikrobiol. 40 no.783-7 Jl.63

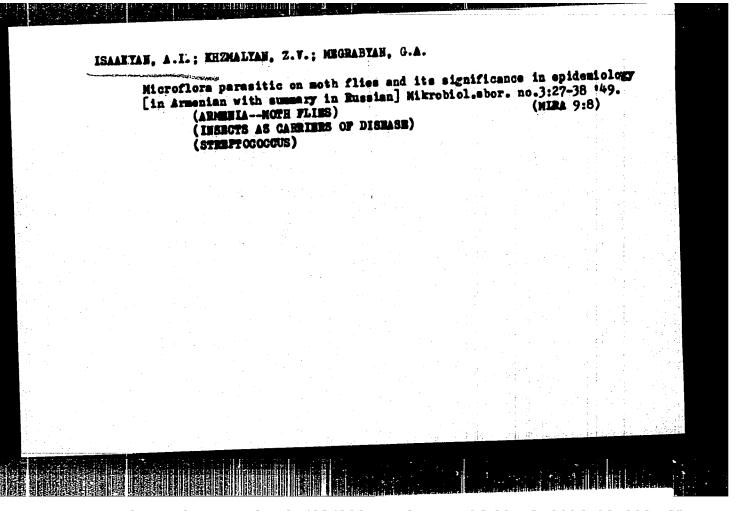
(MIRA 17:1)



CHERNYAK, N.B.; ISAAKYAN, A.I.; TOTSKAYA, A.A.; LORIYE, Yu.I.

Some biochemical and morphological characteristics of blood platelets in Glanzman-Naegeli disease. Vop. med. khim. 11 no.4:103-105 Jl-Ag 65. (MIRA 18:8)

1. Biokhimicheskaya laboratoriya gematologicheskoy kliniki i tsitologicheskaya laboratoriya TSentral'nogo ordena Lenina instituta gematologii i perelivaniya krovi, Moskva.



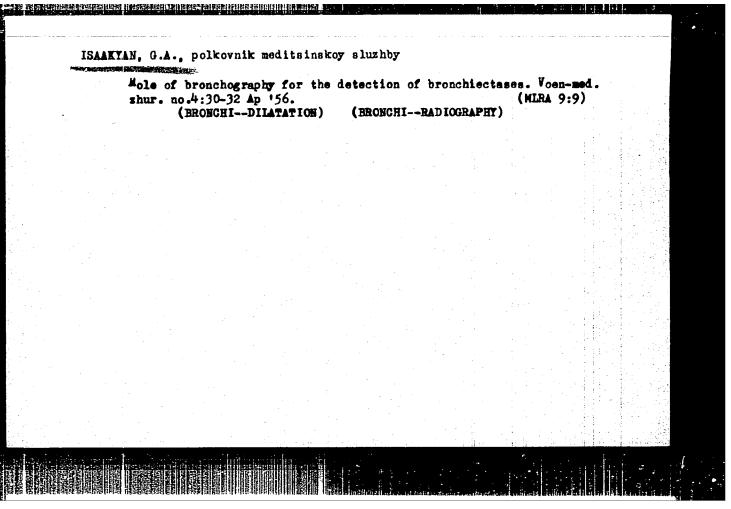
ISAAKYAN, A. Ye.

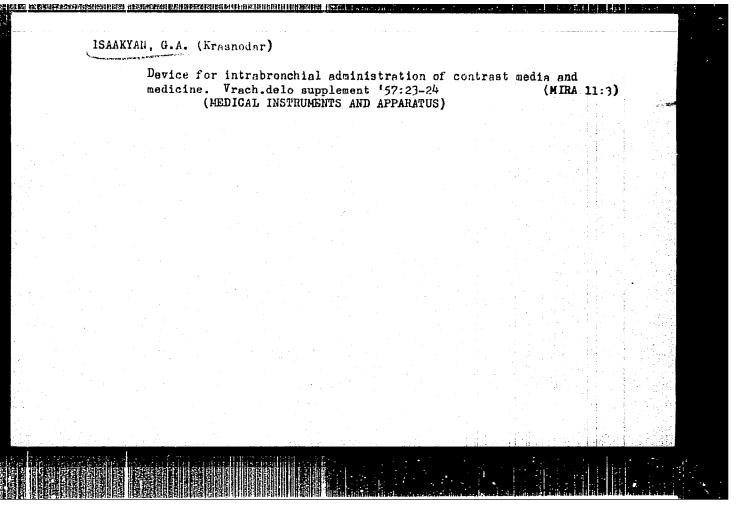
Arboriculture

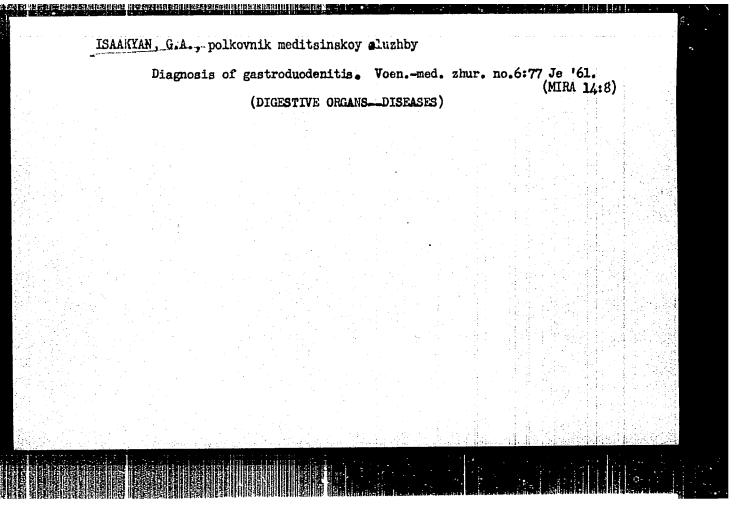
Sowing of seeds in trenches. Les.kboz. 5 No. 8, 1952.

Monthly List of Russian Accessions, Library of Congress, November 1952. UNCLASSIFIED.

# ISAMTH, G.A. Diagnosis of sarcema of the stemach. Vest.rent. 1 rad. no.5: 85-87 S-0 '55. 1. Is knfedry rentgenolegii (nach.--pref. Sh.I.Abramov) Voyenno-meditainskoy erdena Lenina skndemii i meni S.M.Kireva. (STOMACH, neeplasm sarcema, diag.) (SARCONA, stemach, diag.)







ISAAKYAN, Garnik Drastamovich; CHERNYSHEVA, Yu., red.; DANILINA, A., tekhin.red.

[Armenian S.S.R.; a concise account of its history and economy]
Armianskaia SSR; kratkii istoriko-ekonomicheskii ocherk. Moskva,
Gos. isd-vo polit. lit-ry, 1958. 118 p. (MIRA 12:2)

(Armenia--Economic conditions)

ISAAKYAN, Garnik Drastamatovich [Isaakian, H.D.]; SKVIRSKAYA, M.P.

[Skvyrs'ka, M.P.], red.; SERGEYEV, V.F., tekhn. red.

[Soviet Armenia] Radians'ka Virmeniia. Kyiv, Derzh. vyd-vo polit.lit-ry URSR, 1962. 102 p. (MIRA 15:6)

(Armenia—Economic conditions)

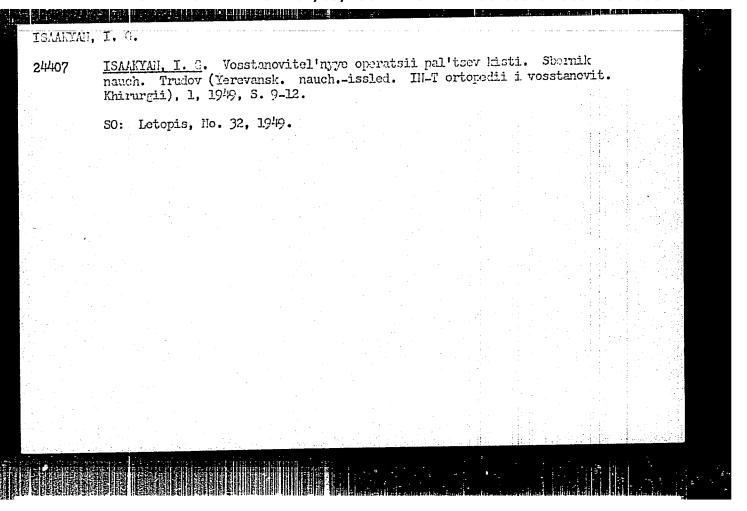
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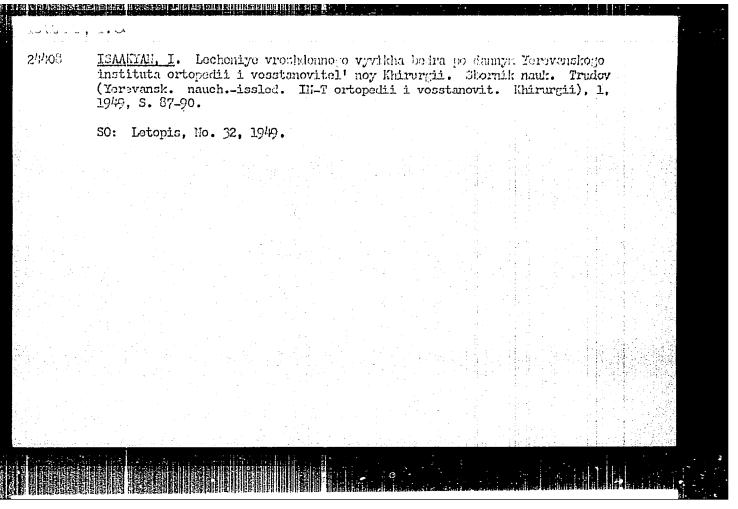
ISAAHYAN, I. G.

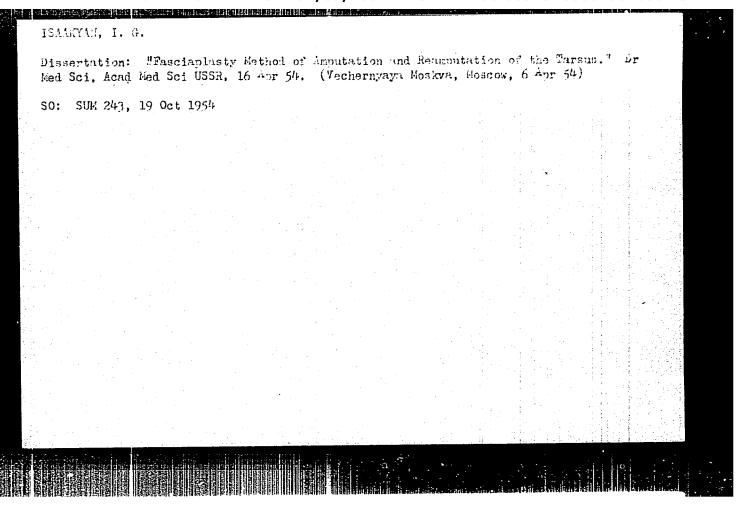
Isaakyan, I. G.: "Amputation and prosthesis of war casualties at the Armenian hospital bases," (Report), Trudy III Zakavkazsk. s"yezda khirurgov, Yerevan, 1948 (on cover: 1949), p. 386-95

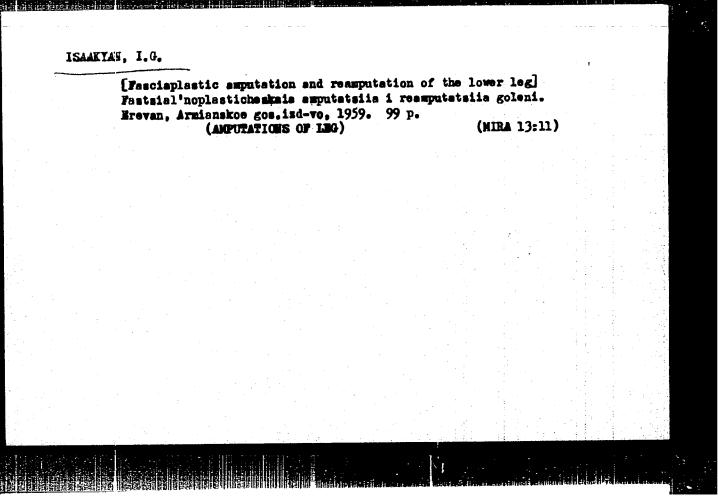
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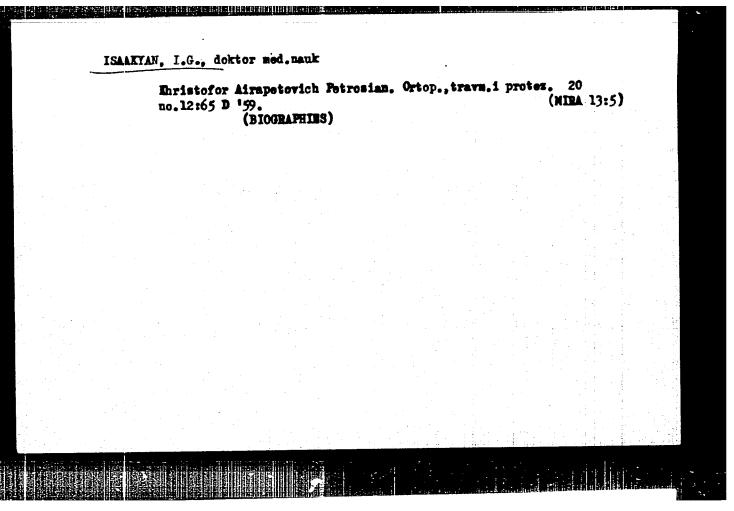
SO: U-5240, 17 Dec. 53, (Letopis 'zhurnal 'nykh Statey, No. 25, 1949).











RYABOKON, Ye.A. (Arkhangel'sk, naberezhnaya Lenina, d. 93, kv.6);
MARTYNYUK, K.D. (Kamensk-Shakhtinskiy, Arsenal'naya ul.,d.57-b);
LOPATINA, M.A. (Irkutsk, ul.Timiryazeva, d.l., kv.51);
SAGDULLAYEV, N. (Andizhan, UzbSSR, Bukharskaya ul.,d.1,kv.9)
ISAAKYAN, I.G., prof.; KRISTOSTURYAN, T.L., kand.med.nauk

Abstracts of articles received by the editors. Ortop. travm. i protez. 24 no.2:78-80 F'63. (MIRA 16:10)

1. Iz travmatologicheskogo punkta Arkhangel'ska (zav. - G.L. Chernyakovskaya) i kafedry operativnoy khirurgii (zav. - prof. S.I.Yelizarovskiy) Arkhangel'skogo meditsinskogo instituta (for Ryabokon'). 2. Iz ortopedo-travmatologicheskogo otdeleniya (zav. K.D.Martynyuk) Kamensk-Shakhtinskoy gorodskoy bol'nitsy (for Martynyuk). 3. Iz khirurgicheskogo otdeleniya (zav. - kand.med. nauk. Ya.D.Vitebskiy) Kurganskoy oblastnoy bol'nitsy (for Lopanina). 4. Iz kafedry operativnoy khirurgii s topograficheskoy anatomiyey (zav. - kand.med.nauk B.G.Caniyev) Andizhanskogo meditsinskogo instituta (for Sagdullayev). 5. Iz Yerevanskogo instituta travmatologii 9 ortopedii (dir. - prof. I.G.Isaakyan) (for Isaakyan, Kristotsturyan).

USSR/Medicine - Physiology

PD-2456

ISAAKYAM, L.A Pub 33-7/24

Author

: Isaakyan, L. A.

Title

On seasonal variations of chemical thermoregulation and of the specific dynamic action of food in heterothermid animals

Periodical: Fisiol. shur. 2, 210-218, Mar-Apr 1955

Abstract

: The metabolic rate and body temperature of Brimecens Duropeans L (hedgehog) and Citelius pygmens Pall. (Siberian sarent) were measured at 00, 50, 100, 200, 250, 300, and 33°C., in fasting condition, several times monthly throughout one year, resulting in a total of 1950 experiments in 9 animals. Between the experiments, the animals were kept at 16-20°C. The chemical thermoregulation, expressed in per cent change of the 02 consumption per 10C. change, in Erinaceus is best pronounced in spring and summer, poorer in fall, and absent in winter. In Citellus, the thermoregulation is also best developed in spring and summer; although the 02 consumption increases at 00 and 5°C. in winter and fall significantly, there is a drop of body

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### CIA-RDP86-00513R000618810004-3 "APPROVED FOR RELEASE: 04/03/2001

Card 2/2

temperature. The specific dynamic action of food is also highest in spring and summer; in contrast, white rats do not show any seasonal trend of the specific dynamic action. Graphs; tables. Sixteen references, 14 of them USSR (13 since 1940).

Institution: Laboratory of Physiology of Gas and Heat Exchange of the Department of General Physiology of the Institute of Experimental Medicine of the Academy of Medical Sciences USSR, Leningrad

Submitted: June 27, 1953

USSR/Medicale/Physiology lanna ville, a n

Card 1/1

Pub. 17-1/23

Author

: Isaakyan, L. A.

Title

: Conditioned reflex changes in the gas metabolism and reactions of

the blood vessels in connection with the effect of cold

Periodical

: Byul. eksp. biol. i med. 7, 3-7, Jul 1955

Abstract

: A laboratory study of the effect of cold on gas metabolism and cardiovascular system was made on three healthy persons. Cold (+4°C) was applied to the back of their right forearms. It increased the gas metabolism and caused contraction of the blood vessels. The increase in the gas metabolism was 30 or more percent but it returned to its original level 1 to 3 minutes after cold application had stopped. Changes in the gas metabolism were expressed not only in the lung ventilation but also in the oxidizing processes in the tissues. 1 reference, 1 USSR, 1 since 1940, tables and graphs.

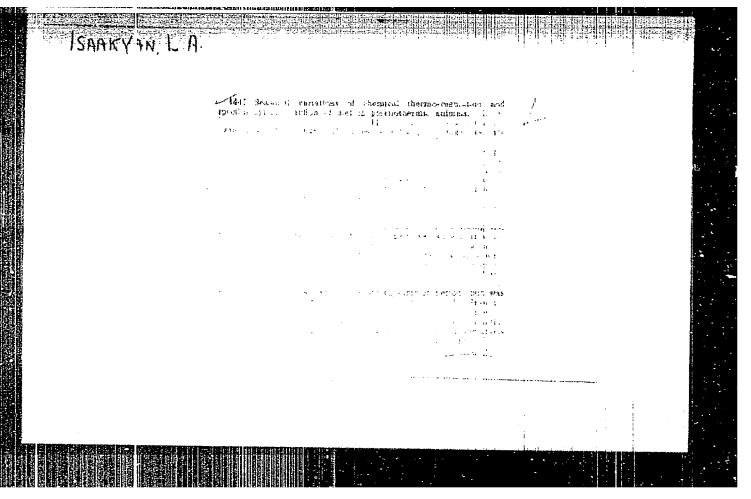
Institution

: Laboratory of the Physiology of Gas and Heat Metabolism (Head: Prof. R. P. Ol'nyanskaya) Division of General Physiology (Head: Prof. A. V. Rikkl'), Institute of Experimental Medicine Academy Medical Sciences USSR, Leningrad

Submitted

: 22 Oct 1954

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810004-3



# ISAAKYAN, L.A. USSIR/Human and Animal Physiology. The Nervous System. Abs Jour: Ref. Zhur-Biol., No 6, 1958, 27439. : R.P.Ol'nyanskaya and L.A. Isaakyan. Author Inst : Reflex Changes in Gas Exchange Associated With Title Typological Peculiarities of the Nervous System. Orig Pub: Zh. vyssh. nervn. deyat-sti, 1956, 6, No 3, 408-414. Abstract: The orientation motor response to various indifferent stimuli in dogs was accompanied by changes in gas exchange, the magnitude of which corresponded to the strength of the stimulus. The changes in gas exchange disappeared according to the degree of extinction of the motor reflex. In strong, stable dogs the alterations in gas exchange produced by the motor reflex were mild and rapidly returned to Lab , fiziol gazo obniena i teploobnena otdel. obohch. figire IEM, AMN SSSR : 1/3 Cardq

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USSR/Human and Animal Physiology. The Nervous System.

Abs Jour: Ref, Zhur-Biol., No 6, 1958, 27439.

normal. In dogs of a weak type in which the excitatory process was predominant, the shifts in gas exchange were more marked (more often in the direction of an increase), while extinction of these changes was retarded. In animals representing a strong variation of the weak type, the alterations in gas exchange were great, but extinction was irregular. In repeated determinations of the basal metabolism, the rate at which a stable value of gas exchange was established for a given animal depended upon the speed of formation of a conditioned response to the experimental set-up and was determined by the type of nervous system. The author considers that reflex alterations in gas

card : 2/3

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**APPROVED FOR RELEASE: 04/03/2001** 

CIA-RDP86-00513R000618810004-3"

USSE/Human and Animal Physiology. The Nervous System.

Abs Jour: Ref. Zhur-Biol., No 6, 1958, 27439.

exchange are an integral component of orientation reactions and reflect the dynamics of basic nervous processes in accordance with typological peculiarities.

Card : 3/3

USSR/Human and Animal Physiology (Normal and Pathological)
Nervous System. Higher Nervous Activity. Behavior.

Abs Jour : Ref Zhur Biol., No 6, 1959, 27035

Author : Ol'nyanskaya, R.P., Isaakyan, L.A.

Inst: Title: Reflex Changes of Gaseous Interchange and Heat Regulation

in Dogs in Connection with Typological Peculiarities of

the Nervous System.

Orig Pub : V sb.: Probl. fiziol. tsentr. nervn. sistemy. M.-L.,

AN SSSR, 1957, 412-419

Abstract : In dogs of a strongly balanced type, conditioned-reflex

changes of gaseous interchange (G) with temperature reinforcement were produced and extinguished quickly, orientation reactions to indifferent stimuli were accompanied by insignificant, quickly extinguished shifts of G. the fluctuations of basal metobolism were weakly ex-

pressed. In animal of unbalanced type with prevalence

Card. 1/2

OL'NYANSKAYA, Regina Pavlovna; ISAAKYAN, Lilian Arshavirovna; VASILEVSKIY, N.N., red.; RULEVA, M.S., tekhn.red.

[Methods for studying gas exchange in man and animals] Metody issledovaniia gazovogo obmena u cheloveka i zhivotnykh. Leningrad, Gos.izd-vo med.lit-ry Medgiz, Leningr.otd-nie, 1959. 179 p.

(MIRA 12:10)

(RESPIRATION)

ISAAKYAN, L.A.; KOLENKO, Ye.A.; SHCHERBINA, A.G.

Electrical apparatus for thermal stimulation of the skin. Fisiol. shur. 45 no.11:1388-1391 H '59. (MIRA 13:5)

1. From the U.S.S.R. Academy of Sciences Institute of Semi-Conductors and the department of general physiology, Institute of Experimental Medicine, Leningrad.

(TEMPERATURE)

41339

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S/020/62/146/003/018/019 B144, B186

AUTHORS:

Isaalyan, L. A., Ol'nyanskaya, R. P., Trubitsyna, G. A.

TITLE:

Temperature effects on gaseous metabolism and bioelectric activity of brain and muscles in man during muscular work

PERIODICAL: Akademiya nauk SSSR. Doklady, v. 146, no. 3, 1962, 728-730

TEXT: The role of muscle activity and of central and peripheral effects in thermoregulation was studied in 5 healthy 20-25 - year-old individuals. Gaseous metabolism was determined with a Böhlau apparatus. Electroencephalograms and electromyograms of the arm flexor were taken after: 1) muscular work; 2) application of hot-water bags (a) and icebags (b) to the hand without muscular work; 3) muscular work with previous heating (a) and cooling (b). 1) 25 - 52% increase of gaseous metabolism; a-rhythm suppressed; action current increased. 2a) (in the same order) No change or slight reduction; suppression in the 1st minute; no change. 2b) 15 - 20% reduction, restoration after 1 min; similar to 1); but less marked; not always increased. 3a) Sometimes slight increase; insignificant suppression in the 1st minute; 15 - 20% increase. 3b) No Card 1/3

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S/020/62/146/003/018/019 B144/B186

Temperature effects on gaseous ...

increase, less, 14 - 43% reduction. 1, 2a, and 2b are compared to the state of muscles at rest under normal conditions; 3a and 3b are compared to 1. Conclusions: The accumulation of the applied heat and the heat formed by muscular work impedes the heat exchange and increases the energy consumption and the action currents. The reverse effects result from cooling. Muscle activity reduces the susceptibility of the body to the temperature applied. Temperature affects the excitability of the brain centers during muscular work and consequently also that of the muscle. The reaction in muscular activity at different temperatures is controlled by cortical formations, thermoregulatory hypothalamus centers and motoric centers in brain and spinal cord. There is 1 figure. The most important English-language reference is: T. R. A. Davis, J. Appl. Physiol., 16, 6, 1011 (1961).

ASSOCIATION: Institut fiziologii im. I. P. Pavlova Akademii nauk SSSR

(Institute of Physiology imeni I. P. Pavlov of the Academy

of Sciences USSR)

PRESENTED: April 5, 1962, by V. N. Chernigovskiy, Academician

Card 2/3

# ISAAKYAN, L.A.; KALIKHMAN, A.A.

Variation of gas exchange during the formation of a conditioned motor defense reaction in dogs. Opyt izuch. reg. fiziol. funk. 6:48-51 \*63 (MIRA 17:3)

1. Gruppa fiziologii gazoohmena i teploohmena (rukovoditel - prof. R.P.Ol'nyanskaya) laboratorii ekologicheskoy fiziologii (zav. - prof. A.D. Slonim) Instituta fiziologii imeni Pavlova AN SSSR.

# ISAAKYAN, L.A.

Effect of thyroxine and methylthiouracil on unconditioned reflex thermoragulation in rabbits. Opyt isuch. reg. fiziol. funk. 6:165-170 '63 (MIRA 17:3)

1. Gruppa fiziologii gazoobmena i teploobmena (rukovoditel\* prof. R.P.Ol\*nyanskaya) i laboratoriya ekologicheskoy fiziologii (zav. - prof. A.D. Slonim) Instituta fiziologii imeni Pavlova AN SSSR.

ISAAKYAN, L.A.; OL'NYANSKAYA, R.P.; TRUBITSYNA, G.A.

Respiratory gas exchange and bioelectric activity of human muscles during a combined effect of temperature and muscular activity on the organism. Opyt izuch. reg. fiziol. funk.6s 171-179 '63 (MIRA 17:3)

1. Gruppa fiziologii gazoolmena i teploolmena (rukovoditel' - prof. R.P.Ol'nyanskaya) Institut fiziologii imeni Pavlova AN SSSR.

YEVDOKIMOV, S.A.; ISAAKYAN, L.A.; MASLENNIKOVA, L.S.

Electrometric method for determining the oxygen concentration in the expired air of small animals. Fiziol. zh. SSSR
Sechenov 49 no.61767-770 '63

1. From the Unit for Cas- and Thermal exchange Physiology,
Pavlov Institute of Physiology, Leningrad.

ISAAKYAN, Lilian Arshavirovna; OL'NYAN KAYA, R.F., otv. red.

[Electrochemical methods of gaz callysis in physiology] Elektrokhimicheskie metody gazovogo analiza v fiziologii. Moskva, Nauka, 1964. 78 p. (MIM 17:8)

ISAAKYAN, L.A.; OL'NYANSKAYA, R.P.; TRUBITSYNA, G.A.

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Physiological characteristics of the stimulation distribution in a muscular system following conditioned reflex changes in respiratory gas exchange. Dokl. AN SSSR 162 no.3:716-718 My '65. (MIRA 18:5)

1. Institut fiziologii im. I.P.Pavlova AN SSSR. Submitted July 7, 1964.

L 5117-66 EWT(1)/FS(v)-3

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ACC NR: AP5025672

SOURCE CODE: UR/0385/65/001/005/0419/0424

AUTHOR: Isaakyan, L. A.; Rozhayya, D. A.; Maslennikova, L. S.

ORG: Group on the Physiology of Gas Exchange, Ecophysiology Laboratory, Institute of Physiology im. I. P. Pavlov, AN SSSR, Leningrad (Gruppa fiziologii gazoobmena laboratorii ekologicheskoy fiziologii Instituta fiziologii AN SSSR)

TITLE: Species-specific characteristics of heat production in rodents following hypothermia

SOURCE: Zhurnal evolyutsionnoy biokhimii i fiziologii, v. 1, no. 5, 1965, 419-424

TOPIC TAGS: animal physiology, hypothermia, thermogenesis, rat, mouse, hamster

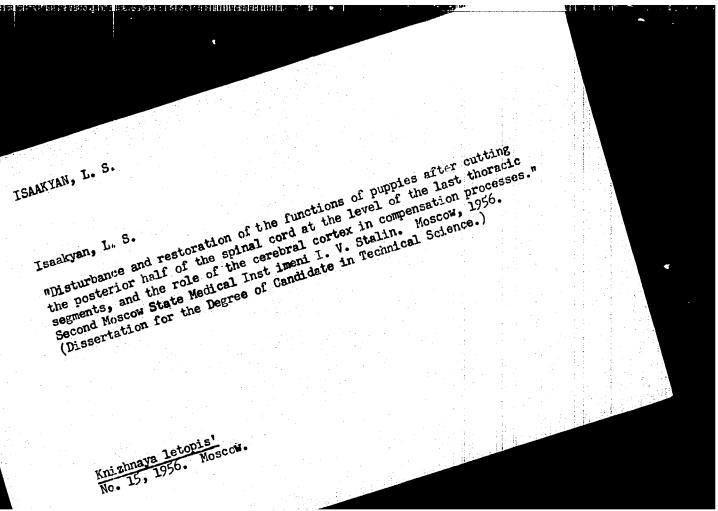
ABSTRACT: The thermogenetic capacity was investigated in some rodent species while warming up after hypothermia. White rats (Rattus norvegicus Berkenh.), white mice (Mus musculus L.), golden hamsters (Mesocricetus auratus Wath.), and field mice (Stenocranius gregalis Pall.) were used. Hypothermia was induced by a combination of hypercapnia and cooling. The oxygen consumption of animals, determined in an exsiccator, was used as an index of their heat production. It was found that the comparative thermogenetic characteristics of these animals during lethargic hypothermia (defined as a body temperature of 16-20C) and during spontaneous realimation correspond to species-specific characteristics under normal heat conditions. Recovery of body temperature in all four species occurs in a similar manner, but with dif-

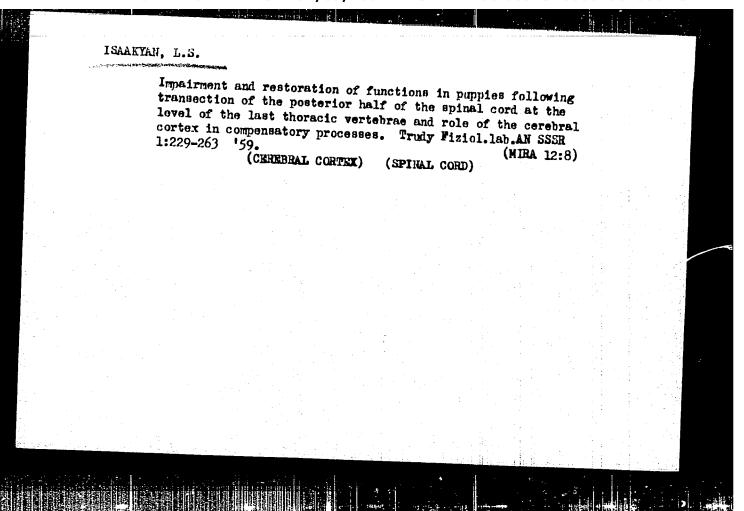
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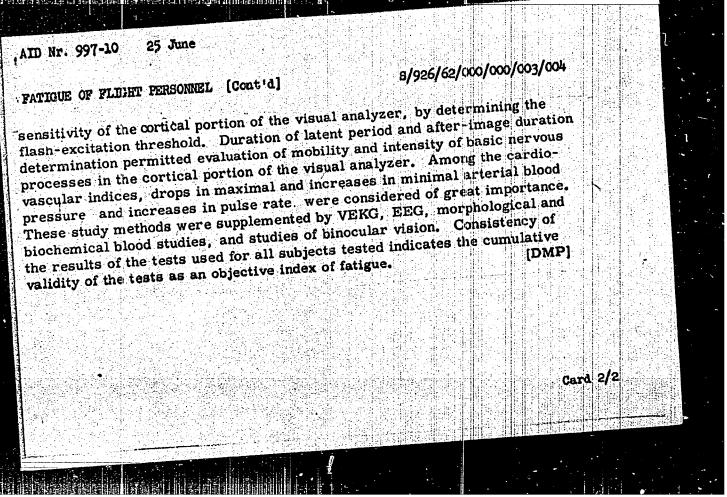
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of heat pr than other partly det Experiment cannot rev	ergy expenditures. coduction, more pr species. The ca ermined by the de al results showed ive spontaneously rature (15C) can	onounced sh pacity of pth of hypo that white however.	ivering, and a species for thermia and maters and managers and manager	l greater in spontance the temperate with a lifeld mice	esistance to come reanimal sture of the body temper with an e	o cooling tion is onl e surroundi ature of 19 ven lower es and 1 ta	es y ngs. C
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25 June AID Nr. 997-10 FATIGUE OF FLIGHT PERSONNEL (USSR) Isaakyan, L. S., IN: Konferentsiya po metodam fiziologicheskikh isaledovaniy cheloweka. Materialy. (Materials of the conference on methods of investigating human physiology). Moskva, 1962. 85-86. S/926/62/000/000/003/004 Ground studies were conducted at the Department of Aviation Medicine of the State Scientific Research Institute of the Civil Air Fleet from 1955 to 1960 to establish a physiological basis for setting perm: sible daily inflight work norms for flight crews on various kinds of aircraft. A number of cardiovascular functions and functions of the central nervous system were studied in 150 pilots before and after flights of 3 to 4 to 9 to 10 hours duration in TU-104 and Il-18 aircraft. Higher nervous activity was studied by determining the latent period of conditioned visual-motor reactions; lability of the cortical portion of the visual analyzer, by determining the critical flickerfusion frequency of flashes excited by electrical stimuli; and electrogalvanic Card 1/2



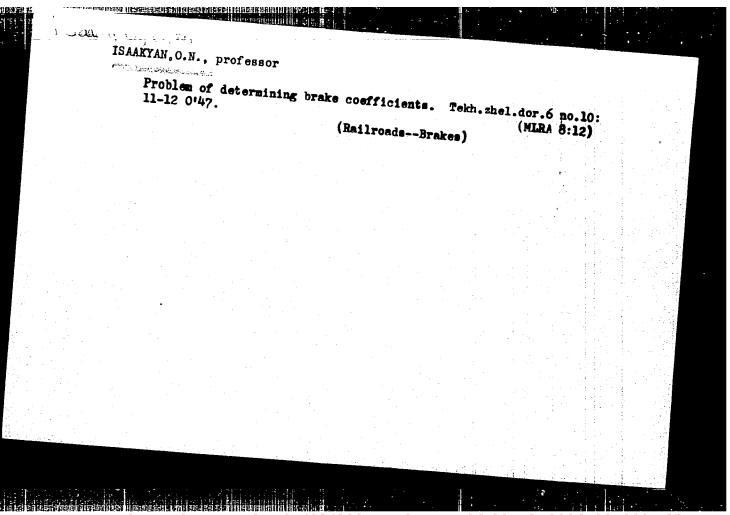
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	Kratkiy dictionary) heldorizdat, 998 p.	r tekhniche Pod red. N 1941. illus., di	skiy zhele • N• Vasei iagrs•, ma	znedor l'yev,	ozhnyy O. N.	slovarı Isaakyana	(Short 1 (i dr	technica ) Moskva	al railroad Transz-	

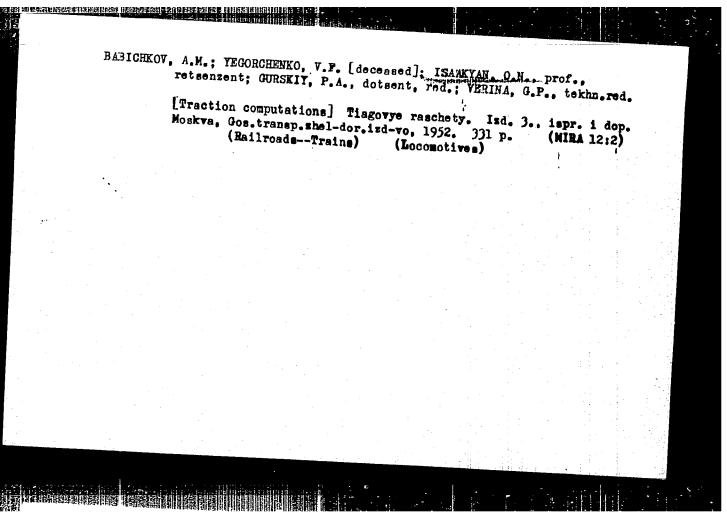
ISAAKYAN, OGANEZ NIKOLAEVICH AND P. N. ASTAKHOV.

Rezul'taty ispytanii parovoza Em. Moskva, Transzheldorizdat, 1947. 55 p. diagrs.

DLC: TJ690.18

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953.





ISAAKYAN, C.N., professor, otvetstvennyy za wypusk; VERINA, G.P., tekhniche-

[Rules for making railroad traction estimates] Pravila proizvodstva tiagovykh raschetov dlia poesdnoi raboty. Moskva, Gos. transp. zhel-dor. isd-vo. 1956. 157 p. (MIRA 9:10)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy insitut sheleznodorozhnogo transporta. (Locomotives)

ISAMPTAN, O.M., professor; GAMINSKIY, G.V.; KHOKHLOV, T.N.

How rules for making traction calculations. Vest. TSHII

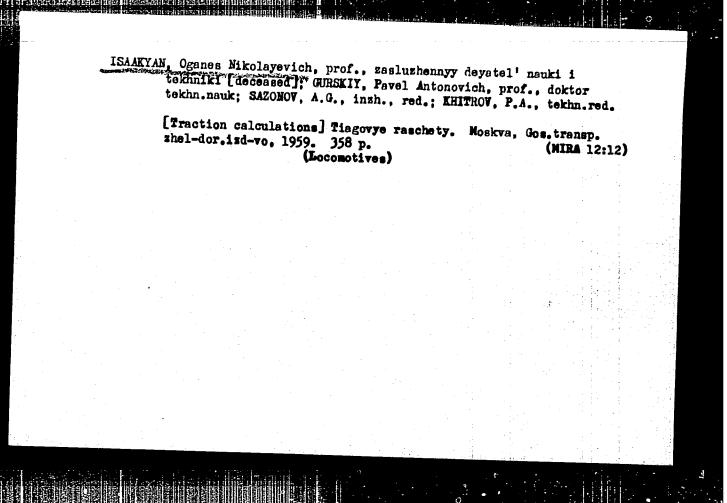
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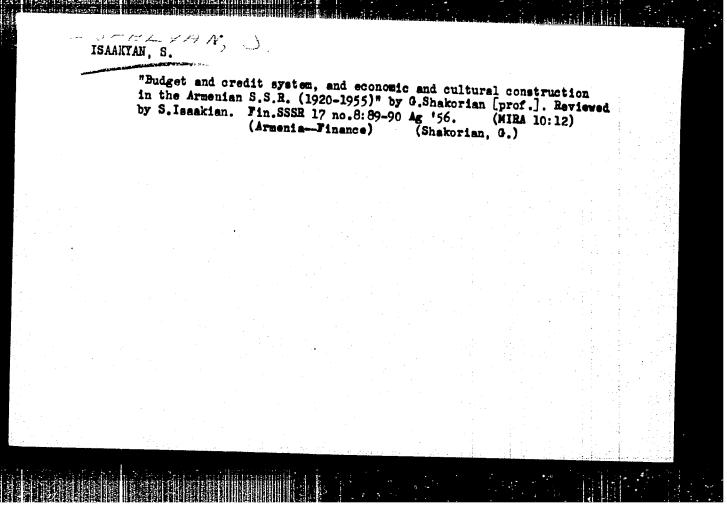
(Railroad engineering)

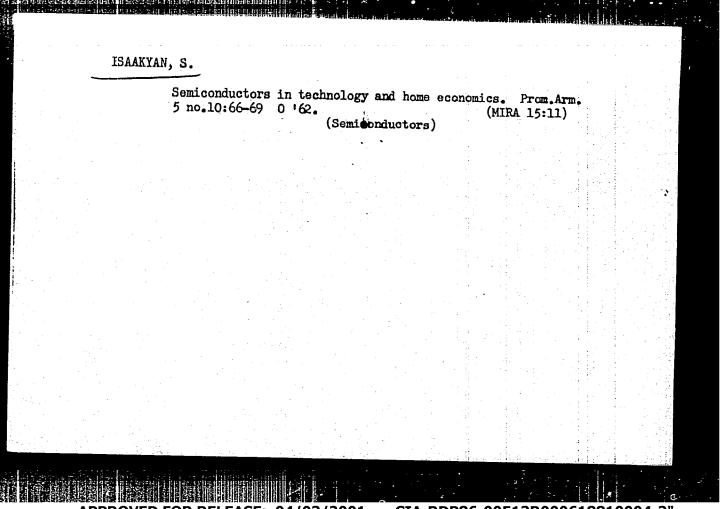
ISAAKTAN, O.H., professor; GURSKIY, P.A., dotsent.

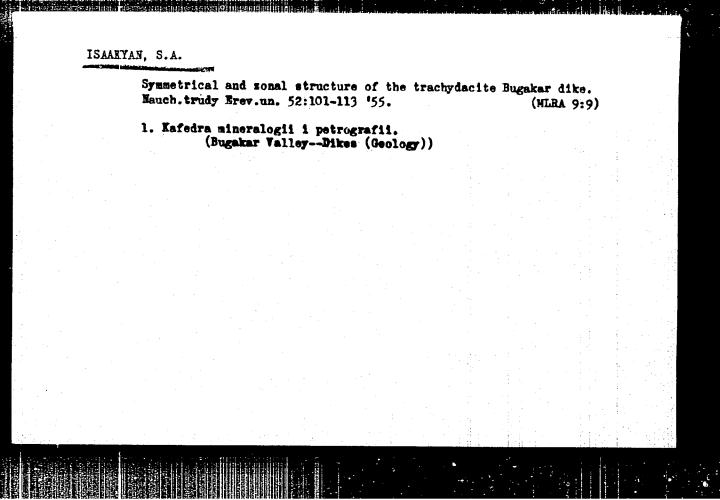
New regulations for locomotive calculations. Zhel. dor. transp.
38 no.9:3-7 S '56.

(Locomotives)

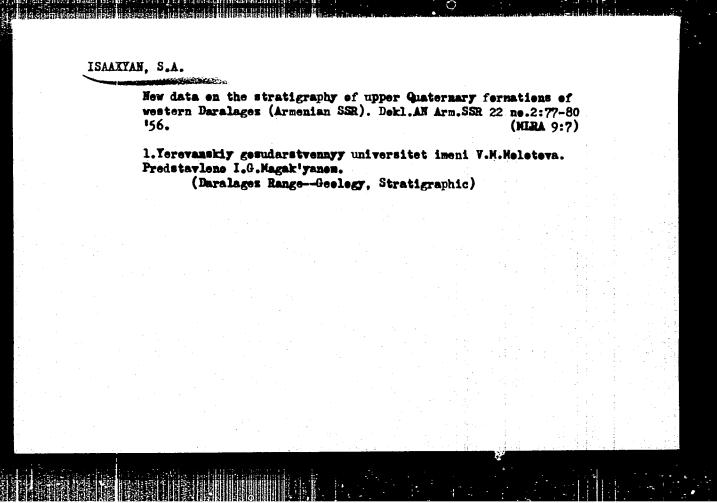








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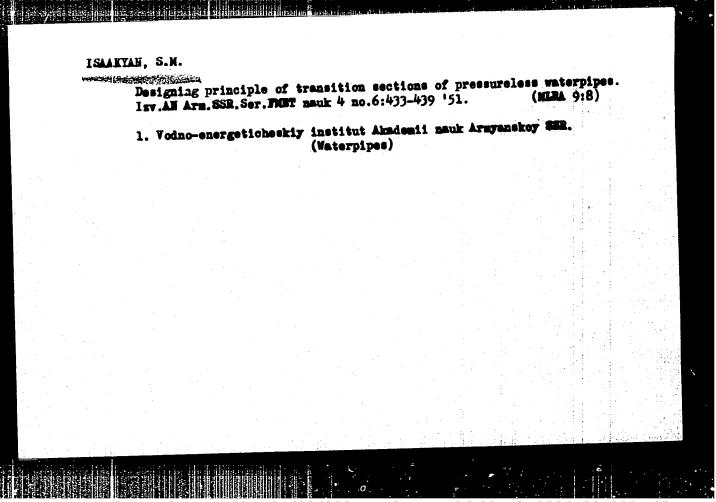
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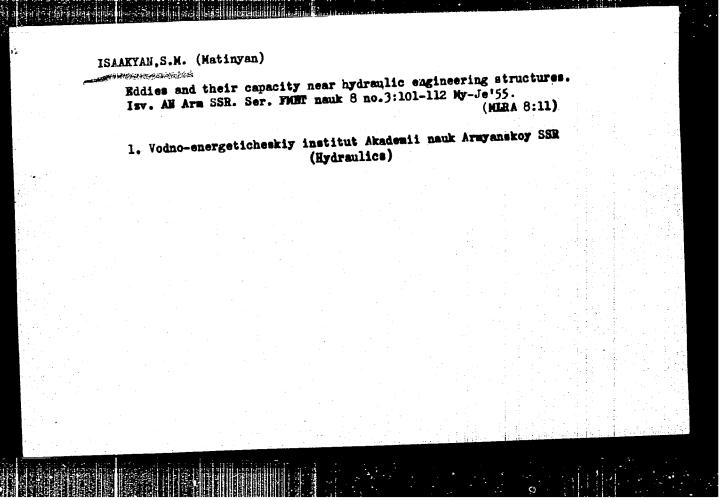
# Regularities of Meogens volcanism within the boundaries of the western Daralages in the Armenian S.S.R. Dokl.AM Arm.SSR 24 no. 3:119-124 157. (MERA 10:5) 1. Yerevanskiy gosudarstvennyy universitet im. V.M. Molotova. Predstavleno I.G. Magak'yanom. (Daralages range—Rocks, Igneous) (Daralages range—Geology, Stratigraphic)

ATSAGORTSYAN, Z.; ISAAKYAN, S.

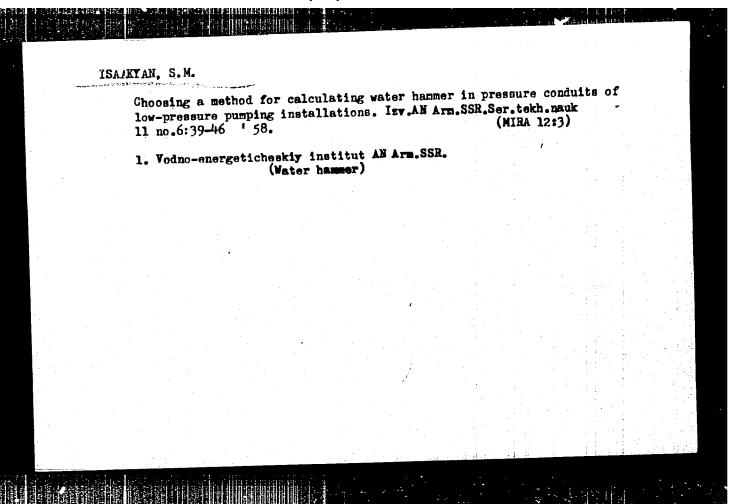
Effect of petrographic characteristics on the strength of basalt.
Prom.Arm. 5 no.4:54-58 Ap '62.
(Armenia—Basalt)

(Armenia—Basalt)





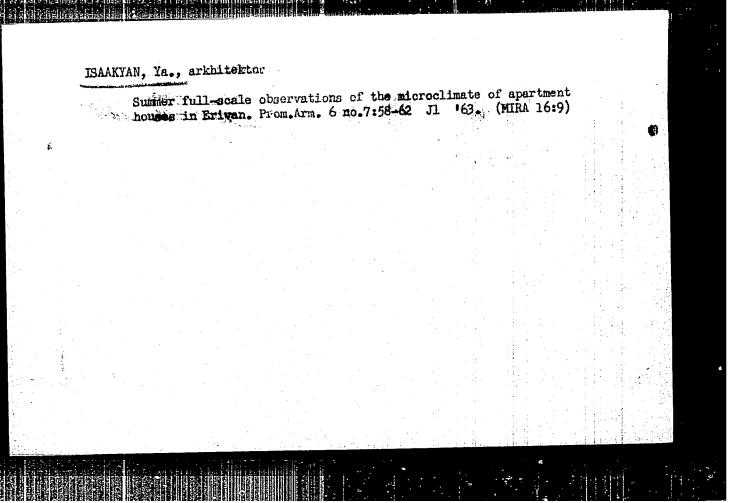
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L 61004-65 EWT(1)/EWP(m)/EMA(d)/FGS(k)/EMA(L) Pd-1	7.7
ACCESSION NR: AP5018664  UR/0173/65/018/003/0045/0058  AUTHORS: Isaakyan, S. M.; Gasperyan, A. M.	
TITLE: On the interaction mechanism of solid bodies with a viscous fluid in a	
SOURCE: AN ArmSSR. Izvestiya. Seriya tekhnicheskikh nauk, v. 18, no. 3, 1965,	
TOPIC TAGS: viscosity, viscous flow, viscous fluid	-32
ABSTRACT: This investigation, an extension of the work of A. M. Gasparyan and A. A. Zaminyan (O mekhanizme padeniya chastits, v vyaskoy srede. DAN, ArmSSR, t. XXVI, 1, 1958), was undertaken to clarify existing discrepancies in the literature concerning the mechanism of the interaction between solid particles and a viscous fluid in a state of relative motion. Motion literacy of the consecutive vertical	
movement of two steel balls through 30 different glycerine water solutions (extending of the region of Reynolds numbers from 0.0035 to 0.5) were made. The experimental results are represented by the empirical relationships	1 . :
$\frac{U_s}{U_0} = 1 + 2\left(\frac{\alpha}{l}\right)^{1.08}$	<i>C</i> .

L 61004-45 ACCESSION NR: AP5018664				1	200 A 100 A
and	$\frac{U_2 - U_1}{U_0} = 0.261 \cdot Re^{0.126} - 5.37$	'-10 <sup>-3</sup> Re <sup>9,8</sup> ,			
where Uc, U1, and U2 is the	velocity of the free fall	for the upper	r and lower	<b>ba11</b>	
respectively; a- the radius and Re- the Reynolds' number	. It is concluded that 0	zeen's soluti	on of the p	rab-	
lam (Handbuch der Experiment reality than Stokes' solutio	al Physik, b. 4, 1, teil n. It was observed that.	in the region	n of 1/a =	50 <b>–</b> 10	
total program and					
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150, there occurs a retardat considered in existing theor Orig. art. has: 2 tables, 4 ASSOCIATION: Institut organ	tion of the lower ball, a les on the motion of two graphs, and 17 equations ticheskoy khimii, AN Armys	phenomenon no balls through unskoy SSR ( <u>In</u>	t previousl viscous me	d1c.	
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150, there occurs a retardat considered in existing theor Orig. art. has: 2 tables, 4  ASSOCIATION: Institut organ Organic Chemistry, AN Armoni SUBMITTED: 26Jun64  NO REF NOV: 001	cion of the lower ball, a cles on the motion of two graphs, and 17 equations cicheskoy khimii, AN Armys lan SSR)	phenomenon no balls through unskoy SSR ( <u>In</u>	t previousi viscous me stitute of	d1c.	
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150, there occurs a retardat considered in existing theor Orig. art. has: 2 tables, 4  ASSOCIATION: Institut organ Organic Chemistry, AN Armoni  SUBMITTED: 26Jun64	cion of the lower ball, a cles on the motion of two graphs, and 17 equations cicheskoy khimii, AN Armys lan SSR)	phenomenon no balls through unskoy SSR ( <u>In</u>	t previousi viscous me stitute of	d1c.	



ISAAKYAN, Z. 3.

"Domestic Swine as the Natural Reservoir of Intestinal Parasitic Protozoic Diseases." Cand Med Sci, Yerevan Medical Inst, 30 Dec 54. (K, 19 Dec 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12) SO: Sum. No. 556, 24 Jun 55